COMBUSTION APPLIANCE SAFETY INSPECTION FORM (CASIF)

Client: _____ Date: _____

Address: _____ City: _____

Agency: _____ Home Type: ☐-SF, ☐-MF, ☐-M/H

❑ ***SERVICE REQUIRED***

❑ **CORRECTED**
Date: _____

(A) *IMMEDIATE SERVICE REQUIRED* (Z-1)

Appliance and description of problem	Repairs made · By whom · Date

(B) OTHER REQUIRED REPAIRS (Z-2)

Appliance and description of problem	Repairs made · By whom · Date

(C) FINAL TEST RESULTS (L-5) ¯ · Step F-3c: Second Living Space Ambient CO: _____ ppm

APPLIANCE	Not Applicable	CO (ppm for each burner/port)	DRAFT	SPILLAGE	COMB. AIR
Main Heater*	NA	_____, _____, _____, _____	–._____iwc / Pa P **F**	**Y** N NA	IN OUT OK
Other Heater*	NA	_____, _____, _____, _____	–._____iwc / Pa P **F**	**Y** N NA	IN OUT OK
	NA	_____, _____, _____, _____	–._____iwc / Pa P **F**	**Y** N NA	IN OUT OK
Water Heater	NA	_____	–._____iwc / Pa P **F**	**Y** N NA	IN OUT OK
Cook Top	NA	CO ppm: LR_____, RR_____, LF_____, RF_____, Others: _____, _____			
Oven & Broiler	NA	CO ppm: Oven #1_____, Broiler #1_____, Oven #2_____, Broiler #2_____			
Clothes Dryer	NA	CO ppm: _____ Inside living space? Y N		Vented outdoors? Y **N**	

***** For *Mobile Homes*, see M/H WIS Appendix D regarding CAZ test requirement when an open combustion gas heater or wood stove is present.

(D) COMMENTS AND RECOMMENDED REPAIRS

PRE-TEST: Technician Signature: _____ Date: ____/____/____

POST-TEST: Technician Signature: _____ Date: ____/____/____

(E) CLIENT INTERVIEW *(All combustion appliances and exhaust devices off prior to Ambient CO tests.)*

☐ E-1 How many people live in your home? # _____ · Do any large pets (dogs) live or sleep indoors? N **Y** → # _____
☐ E-2 Which appliances burn gas? ☐-Furnace/Heater(s), ☐-W/H, ☐-Cooking, ☐-Dryer, ☐-Gas Log/Lighter, ☐-Gas F/P
☐ E-3 Type of gas: ☐-Natural Gas, ☐-Propane. · Do any appliances burn Oil? N Y → ☐-Furnace, _____
☐ E-4 Have you noticed any gas odors or leaks? N **Y** → _____
☐ E-5 Have you had have any problems with any gas (oil) appliance? N **Y** → _____
☐ E-6 Do you use: ☐-Wood, ☐-Pellets, ☐-Coal? N **Y** → ☐-Stove, ☐-Insert, ☐-Fireplace, _____
☐ E-7 Do you ever use a portable kerosene or gas heater to warm any part of the house? N **Y** → **Unvented**? N **Y**
· *If used:* How long ago was it used? ☐-Earlier today, ☐-Yesterday, ☐-More than a day ago.
☐ E-8 **[Gas Oven]** When was you oven used last? _____ For how long? _____
· Do you ever use your oven to take the chill off? N **Y** → _____
☐ E-9 Do you have more than one furnace/heater? #:_____ Location(s): _____
☐ E-10 Where is your water heater located? _____ Do you get enough hot water? Y **N**
☐ E-11 **[Attached Garage]** Do you park cars in the garage? N **Y** → ___ # cars. Is a car warmed up in the garage? N **Y**
☐ E-12 **[FAU]** Are any rooms noticeably colder (warmer) than others? N **Y** → _____
☐ E-13 **[FAU]** Please show me where all registers are located (and which rooms are colder/warmer). [Check airflow during step F-3.a.]

Conditions for *Initial* Living Space Ambient CO Test (See Conventional WIS Appendix H): • All combustion appliances, air handler, and exhaust devices in living space off. • Exterior doors and windows closed. • Interior doors open (*except* appliance enclosure door, which is closed). • Fireplace damper closed if feasible (no fire or hot coals present).

(F) AMBIENT CO MEASUREMENTS *(Keep exhaust devices off during Ambient CO tests.)*

Record CO Analyzer readings and calculations in "Pre-Wx Test" column.	**Pre-Wx Test**	**References**
☐ F-1 **(a)** Set **Conditions for *Initial* Living Space Ambient CO Test**. **(b)** Zero CO analyzer outdoors ("outdoor" reading). **(c)** Draw an air sample indoors (see Z-6). **(d)** Record the *difference* between "outdoor" and *this* indoor CO reading.	Test Conditions set? **Y** N ***Initial*** Living Space Ambient CO: _____ ppm *(with all appliances and fans off)*	*See Z-6 and WIS pages 1-5, H-1, and H-2.*
☐ F-2 Check furnaces and heaters for gas leaks (see Z-3) prior to operating them. [If leaks, STOP! See Z-1.]	Gas leaks? **Y** N	
☐ F-3 **(a)** Operate all **furnaces and heaters** for 5 minutes, *with all other combustion appliances and exhaust devices still off,* and all doors and windows unchanged. **(b)** Draw a *second* air sample from the *same* indoor location (step F-1c). **(c)** The *difference* between this reading and the "outdoor" reading is the "***Second*** Living Space Ambient CO". [If it is **10 ppm** CO or more, see Z-6 (3 & 4) and WIS p. 1-5.]	Furnaces/Heaters operating? Y **N** ***Second*** Living Space Ambient CO: _____ ppm *(with all furnaces and heaters on)* [Also record at top of Section C.]	*See Z-6, and WIS pages 1-5 and H-3.*
☐ F-4 Immediately following step F-3 (with all furnaces/heaters operating, fans still off, doors/windows unchanged), check for **Appliance** Ambient CO (**A or B**) for *each* furnace/heater: **A. [FAU]** Check for CO in register nearest the furnace. **B. [Wall, Floor, other non-ducted]** Check for CO just above the heat exchanger. (See WIS 1-5 & H-3) If *any* CO above ***Second*** Living Space Ambient is detected, corrective action is required. (See Z-1 and WIS page 1-5)	(Show CO for each furnace/heater.) **Appliance** Ambient CO: _____ ppm, _____ ppm _____ ppm, _____ ppm Is *Appliance* Ambient CO higher than Second *Living Space* Ambient reading? **Y** N	(No change or a decrease is OK, but **CO reading should not increase**.) *See Z-1 & Z-6 and WIS pages 1-5 and H-3.*

Conditions for Appliance Testing (X-4): • Exterior doors & windows closed. • Interior doors closed to appliance enclosures, and to rooms with a door separating a supply register from central return (even if room also contains a fan). • Interior doors open to hallways, to rooms without supply register, and to rooms with exhaust fan, clothes dryer, etc. • Fireplace damper closed. • Exhaust devices on (see X-4.2). • **Reminder:** Check all gas appliances, even if one fails or cannot be completely tested.

Circle answers in columns to the right: Y = Yes, N = No, NA = Not Applicable, U = Unverifiable When Post-Wx Test is performed, recheck all items with answers in "Post-Wx Test" column.	**Pre-Wx Test**	**Post-Wx Test**
(G) GAS HOME HEATING SYSTEM ☐ Main Heater, ☐ Additional Heater · Location:	NA	
☐ G-1 **Establish *Appliance* CAS Test conditions** (different from Ambient Test conditions; **see X-4** & WIS pages 1-6 & 1-7).	Conditions set for *Appliance* tests? Y **N**	Y **N**
☐ G-2 Check for gas leaks (see Z-3). [If leaks, STOP! See Z-1.]	Leaks? (Step F-2) **Y** N	**Y** N

(G) GAS HOME HEATING SYSTEM (cont'd)	Pre-Wx Test	Post-Wx Test
☐ G-3 Circle type of heater (Forced Air Unit = FAU, Wall Furnace = WF, Floor Furnace = FF, Direct Vent = DV, Free Standing = FS.)	Type: FAU WF FF DV FS Other:	
☐ G-4 Does the heater (and air handler if an FAU) work properly? [If No, see Z-2.] FAU filter must be clean or removed (X-4.5).	Unit works properly? Y **N** Filter: ☐-Clean, ☐-Removed, ☐-NA	Filter: ☐-Clean, ☐-Removed, ☐-NA
☐ G-5 From where does furnace/heater draw combustion air?	Air from: ☐-Inside, ☐-Outside	
☐ G-6 Is furnace/heater "open" or "closed" combustion?	Combustion: ☐-Open, ☐-Closed	
☐ G-7 Is furnace/heater "natural" or "induced" draft?	Draft: ☐-Natural, ☐-Induced	
☐ G-8 Does furnace/heater share a common vent? [If YES, see X-3.] Shares with: ☐-Water Heater, _____	Common vent? Y N	
☐ G-9 Record Btu/hr **input** ratings (see Z-8) of *open* combustion Furnace and Water Heater in this room or space* (*do not include Range, Oven, or Clothes Dryer*): _____ + _____ + _____ = → →	Total: _____ Btu/hr **Input**	*(*Applies only to units that draw combustion air from the room or space.)*
Calculate minimum combustion air requirement (see Y-2). Use **(a) for vent size** if vented outdoors, **(b) for room volume**, or **(c) for vent size** if vented indoors.		
(a) _____ (# Thousand Btu/hr) ¸ **4** = _____ **sq. in.** NFVA *required* for *each* of **2 vents** outdoors (one upper and one lower).→	**(a)** *Existing* vents NFVA **sq. in.**: Upper: _____, Lower: _____	
(b) _____ (# Thousand Btu/hr) **x 50** = _____ **cu. ft.**, which is the *required* minimum room volume (if inadequate, use **c** below). →	**(b)** Room volume: _____ **cu. ft.**	
(c) _____ (# Thousand Btu/hr) ¸ **1** = _____ **sq. in.** NFVA for upper & lower vents indoors **(minimum 100 sq. in. NFVA each)**.→	**(c)** *Existing* vents NFVA **sq. in.**: Upper: _____, Lower: _____	
Is there adequate combustion air? [If No, see Z-2.] → →	Combustion air OK? Y **N** NA	Y **N** NA
☐ G-10 Is there a large amount of carbon or rust present in the ☐-heat exchanger, ☐-draft hood, ☐-flue or vent pipe? [If Yes, mark here and describe in (D).]	Large amount of: • Carbon? **Y** N • Rust? **Y** N	**Y** N **Y** N
☐ G-11 Does visual inspection of heat exchanger show any evidence of a crack, other defect? [If Yes, see Z-1.]	Heat exchanger defects? **Y** N U	**Y** N
☐ G-12 **[FAU]** Are there return leaks that draw air from an open combustion appliance room/enclosure? [If YES, see Z-2.]	Return leaks? **Y** N NA	**Y** N NA
☐ G-13 Does visual inspection of Flue/Vent System (see Z-4) show evidence of *Immediate Service Required* (missing, double, or misaligned draft hood, blockage, leaks, disconnections, etc.)? [If Yes, see Z-1. For other service/repairs needed (e.g., missing vent cap), see Z-2.]	*(Post-inspection note when ceiling insulation was installed)* → → Flue/Vent defects? **Y** N	*[Check attic for disconnected pipes & air vent blockage.]* **Y** N
☐ G-14 Are there any other missing/defective items (e.g., appliance door, combustion chamber door, roll-out shield)? (See Z-2.)	Any other defects? **Y** N NA	**Y** N NA
☐ G-15 Drill hole for draft test (see X-8). If not done, check reason: ☐-no feasible location, ☐-asbestos pipe, ☐-double-wall pipe, per restrictions on WIS page 1-9.	*(Both Natural & Induced Draft)* Drilling test hole? Y N NA	
☐ G-16 To conduct appliance tests, turn on exhaust devices (X-4.2) and commonly-vented appliances (per X-3). Turn on furnace/heater. Note when burner lights for 5-minute warm-up. Look for delayed ignition and roll-out (see Z-5).	Exhaust devices on? Y NA Delayed ignition? **Y** N U Roll-out ignition? **Y** N NA	Y NA **Y** N U **Y** N NA
☐ G-17 Observe burner flame pattern and color. Note presence of large yellow flame, soft lazy flame or other abnormalities. (See Z-5.1.)	Large yellow flame? **Y** N U Soft lazy flame? **Y** N U Other problems? **Y** N	**Y** N U **Y** N U **Y** N
☐ G-18 **[FAU]** When the blower comes on, is there a change in the flame pattern or color? [If Yes, see Z-5.1.]	Flame interference? **Y** N NA	**Y** N NA

(Go to step G-19 on next page to continue testing Gas Home Heating System.)

(G) GAS HOME HEATING SYSTEM (cont'd)	**Pre-Wx Test**	**Post-Wx Test**
☐ G-19 Reinstall all access covers removed for inspection.	Covers reinstalled? Y NA	Y NA
☐ G-20 After at least 5 minutes of burner operation, check listed items with room door open (see X-7,8,9). [See Z-6 & Z-7 to analyze results; run longer and retest if first CO is high.] ***If unable to use Draft Gauge, do "Smoke Test" (see Z-7), and write in "smoke" and circle "P" (Pass) or "F" (Fail). → ↗	(Door Open) CO: ____, ____, ____, ____ ppm *Draft: –_____ iwc/Pa P **F** NA Spillage present? **Y** N NA Outdoor temperature: _____°F	____, ____, ____, ____ ppm –____ iwc/Pa P **F** **Y** N NA Temp: _____°F
☐ G-21 If applicable, close door to appliance enclosure or space and repeat tests. [See X-7 for procedures and Z-6 & Z-7 to analyze test results.]	(Door Closed) Y NA CO: ____, ____, ____, ____ ppm *Draft: –_____ iwc/Pa P **F** NA Spillage present? **Y** N NA	____, ____, ____, ____ ppm –____ iwc/Pa P **F** **Y** N NA
☐ G-22 **[FAU]** If burner turns off and on before room temperature reaches wall thermostat setting, note "short cycling" here and in (D). If air in the nearest register exceeds 140 °F, advise client to not use furnace until corrected.	Short cycling? **Y** N NA *If Yes, check temperature inside nearest register.* Cycles off at: _____°F	**Y** N NA _____°F
☐ G-23 **[Draft Test Hole Drilled]** Seal test hole in single-wall pipe with "plug button" (or button plus tape), or in double-wall with lag bolt and high-temp caulk. (See X-8.3 & WIS page 1-9.)	Test hole sealed? Y NA	Y NA
☐ G-24 Thermostat set to normal? **[FAU]** Clean filter in place?	T'stat & Filter OK? Y **N** NA	Y **N** NA
☐ G-25 **For each additional gas furnace/heater present**, repeat steps G-1 thru G-24 using blank CASIF pages 2-4.	Testing other heater? Y NA	Y NA

Circle answers in columns to the right: Y = Yes, N = No, NA = Not Applicable, U = Unverifiable When Post-Wx Test is performed, recheck all items with answers in "Post-Wx Test" column.	**Pre-Wx Test**	**Post-Wx Test**
(H) GAS LOG/LIGHTER & GAS FIREPLACE UNIT	NA	
☐ H-1 ☐-Gas Log, ☐-Gas-Fired Log Lighter, ☐-Gas Fireplace,: Check for gas leaks (see Z-3). [If leaks, STOP! See Z-1.]	Gas leaks? **Y** N	**Y** N
☐ H-2 For Gas Log, fireplace damper must function and should be permanently blocked open (see Z-4.3.c).[If not OK, see Z-2.]	Damper OK? Y **N**	Y **N**
☐ H-3 **[Gas Log used as Primary Heater]** Check CO (see X-9). [Heat ceramic logs at least 10 minutes; run longer and retest if first CO is high.] Perform "Smoke Test" along fireplace opening (see Z-7). →	CO _____ ppm NA Visual Draft Test: P **F**	_____ ppm P **F**
☐ H-4 **[Gas Fireplace Unit used as Primary Heater]** After at least 5 minutes of operation, check CO (see X-9). [Heat ceramic logs at least 10 minutes.] Perform "Smoke Test" (see Z-7).	CO _____ ppm NA Visual Draft Test: P **F**	_____ ppm P **F**

Circle answers in columns to the right: Y = Yes, N = No, NA = Not Applicable, U = Unverifiable When Post-Wx Test is performed, recheck all items with answers in "Post-Wx Test" column.	**Pre-Wx Test**	**Post-Wx Test**
(I) GAS WATER HEATER	NA	
☐ I-1 Check for gas leaks (see Z-3). [If leaks, STOP! See Z-1.]	Gas leaks? **Y** N	**Y** N
☐ I-2 Is combustion air drawn from inside or outside living space? Combustion type? ☐-Open, ☐-Closed. Draft type? → →	Air from: ☐-Inside, ☐-Outside Draft: ☐-Natural, ☐-Induced	
☐ I-3 Does water heater share a common vent? [If yes, see X-3] Shares with: ☐-Furnace, _____	Common vent? Y N	
☐ I-4 Is there a large amount of carbon or rust present in the ☐-comb. chamber, ☐-center tube, ☐-draft hood, ☐-flue or vent pipe? [If Yes, mark here and describe in (D).]	Large amount of: • Carbon? **Y** N • Rust? **Y** N	

(Go to step I-5 on next page to continue testing Gas Water Heater.)

(I) GAS WATER HEATER (cont'd)		**Pre-Wx Test**	**Post-Wx Test**
☐ I-5	Is *Immediate Service Required* for the flue or vent (Z-4): missing, double or misaligned draft hood; blockage, leak, disconnection, etc.? [If Yes, see Z-1.] Are parts missing (e.g., no vent cap, no combustion chamber door), or is Other Service/Repair Required? [If Yes, see Z-2.]	*(Post-inspection note when ceiling insulation was installed)* → → Is service/repairs required? **Y** N	*[Check attic for disconnected pipes & air vent blockage.]* **Y** N
☐ I-6	Record Btu/hr **input** ratings (see Z-8) of *open* combustion Furnace and Water Heater in this room or space* (*do not include Range, Oven, or Clothes Dryer*): _____ + _____ + _____ = → →	Total: _____ Btu/hr **Input**	*(*Applies only to units that draw combustion air from the room or space.)*
	Calculate minimum combustion air requirement (see Y-2). Use **(a) for vent size** if vented outdoors, **(b) for room volume**, or **(c) for vent size** if vented indoors.		
	(a) _____ (# Thousand Btu/hr) ¸ **4** = _____ **sq. in.** NFVA *required* for *each* of **2 vents** outdoors (one upper and one lower).→	**(a)** *Existing* vents NFVA **sq. in.**: Upper**: _____, Lower: _____	**See Y-2 (D) for Mobile Homes.
	(b) _____ (# Thousand Btu/hr) **x 50** = _____ **cu. ft.**, which is the *required* minimum room volume (if inadequate, use **c** below). →	**(b)** Room volume: _____ **cu. ft.**	
	(c) _____ (# Thousand Btu/hr) ¸ **1** = _____ **sq. in.** NFVA for upper & lower vents indoors **(minimum 100 sq. in. NFVA each)**.→	**(c)** *Existing* vents NFVA **sq. in.**: Upper: _____, Lower: _____	
	Is there adequate combustion air? [If No, see Z-2.] → →	Combustion air OK? Y **N** NA	Y **N** NA
☐ I-7	Drill hole for draft test (see X-8). If not done, check reason: ☐-no feasible location, ☐-asbestos pipe, ☐-double-wall pipe, per restrictions on WIS page 1-9.	*(Both Natural & Induced Draft)* Drilling test hole? Y N NA	
☐ I-8	To conduct appliance tests, turn on exhaust devices (X-4.2) and commonly-vented appliances (per X-3). Mark thermostat, then turn it up. Note when burner lights for 5-minute warm-up. Look for delayed ignition and roll-out (see Z-5).	Exhaust devices on? Y NA Delayed ignition? **Y** N U Roll-out ignition? **Y** N NA	Y NA **Y** N **Y** N NA
☐ I-9	Observe burner flame pattern and color. Note presence of large yellow flame, soft lazy flame, or other abnormalities. (See Z-5.1.)	Large yellow flame? **Y** N U Soft lazy flame? **Y** N U Other problems? **Y** N	**Y** N U **Y** N U **Y** N
☐ I-10	Reinstall all access covers removed for inspection.	Covers reinstalled? Y NA	Y NA
☐ I-11	After at least 5 minutes of burner operation, check listed items with room door open (see X-7,8,9). [See Z-6 & Z-7 to analyze results; run longer and retest if first CO is high.] ***If unable to use Draft Gauge, do "Smoke Test" (see Z-7), and write in "smoke" and circle "P" (Pass) or "F" (Fail). → ↗	(Door Open) CO: _____ ppm *Draft: –_____ iwc/Pa P **F** NA Spillage present? **Y** N NA Outdoor temperature: _____°F	 CO: _____ ppm –____ iwc/Pa P **F** **Y** N NA Temp: _____°F
☐ I-12	If applicable, close door to appliance enclosure or space and repeat tests. [See X-7 for procedures and Z-6 & Z-7 to analyze test results.]	(Door Closed) Y NA CO: _____ ppm *Draft: –_____ iwc/Pa P **F** NA Spillage present? **Y** N NA	NA CO: _____ ppm –____ iwc/Pa P **F** **Y** N NA
☐ I-13	**[Draft Test Hole Drilled]** Seal test hole in single-wall pipe with "plug button" (or button plus tape), or in double-wall with lag bolt and high temp caulk. (See X-8.3 & WIS page 1-9.)	Test hole sealed? Y NA	Y NA
☐ I-14	Return thermostat to original setting.	Thermostat reset? Y NA	Y NA

Circle answers in columns to the right: Y = Yes, N = No, NA = Not Applicable, U = Unverifiable When Post-Wx Test is performed, recheck all items with answers in "Post-Wx Test" column.		**Pre-Wx Test**	**Post-Wx Test**
(J) GAS COOK STOVE & OVEN/BROILER		NA	
☐ J-1	Check for gas leaks (see Z-3). [If leaks, STOP! See Z-1.]	Gas leaks? **Y** N	**Y** N
☐ J-2	Is there a kitchen exhaust vent to the outdoors?	Exhausts outdoors? Y N	

(J) GAS COOK STOVE & OVEN/BROILER (cont'd)		**Pre-Wx Test**	**Post-Wx Test**
☐ J-3	**[Exhausts Outdoors]** Is there a fan in the exhaust vent? Does fan work OK? [Mobile Home: Kitchen must have an operable exhaust fan or metal duct. See CSD Mobile Home WIS, page 1-13.]	Fan present? Y N NA Fan works OK? Y **N** NA	Y N NA Y **N** NA
☐ J-4	Cook Top: With exhaust fans on (X-4.2), light first burner on high for test. After minimum 15-second burn, check CO with probe held horizontally approx. 12" above the flame (see X-9.2.a). Test, turn off, light next burner & repeat. Burn Griddle on high for 5 minutes and test (see X-9.2.b). →	Exhaust fans on? Y NA LR _____, RR _____ ppm CO LF _____, RF _____ ppm CO _____, _____ ppm CO Griddle: _____ ppm CO	Y NA _____, _____ _____, _____ _____, _____ _____
☐ J-5	Operate each Oven & Broiler burner *at least 5 min.* Sample CO in exhaust stream. [See X-9.2.c for test locations; run 15-30 min. longer and retest if first CO reading is high.] **[Single-Burner Oven]** Operate on highest bake setting or "Broil". Record CO ppm on "Oven" line. **[Two-Burner Oven** (with broiler burner at top of oven)**]** (1) Run on highest bake setting; record CO on "Oven" line. (2) Turn control to "Broil", wait at least one minute, and check CO again. Record this reading on "Broiler" line. **[Separate Broiler]** Operate on "Broil" 5 to 30 minutes and check CO. Record CO ppm on "Broiler" line.	Oven #1: _____ ppm CO Broiler #1: _____ ppm CO Oven #2: _____ ppm CO Broiler #2: _____ ppm CO	_____ ppm CO _____ ppm CO _____ ppm CO _____ ppm CO

Circle answers in columns to the right: Y = Yes, N = No, NA = Not Applicable, U = Unverifiable When Post-Wx Test is performed, recheck all items with answers in "Post-Wx Test" column.		**Pre-Wx Test**	**Post-Wx Test**
(K) GAS CLOTHES DRYER		NA	
☐ K-1	Check for gas leaks (see Z-3). [If leaks, STOP! See Z-1.]	Gas leaks? **Y** N	**Y** N
☐ K-2	Is combustion air drawn from inside or outside living space?	Air from: ☐-Inside, ☐-Outside	
☐ K-3	Is the dryer properly exhausted to outdoors? → → [If not, corrective action is required (see Z-2).] Also check moisture exhaust tube for leaks, improper termination, obstructions, etc. Record Required Repairs in (B). →	Exhausted outdoors? Y **N** Repairs required? **Y** N	Y **N** **Y** N
☐ K-4	With exhaust devices on (see X-4.2), and lint filter clean, operate empty dryer for 2 minutes on high heat setting. With room door open (X-7), check CO in moisture exhaust termination or top-mount lint-screen cavity (see X-9.1.c). [Make sure *burner is on* while CO is being sampled.]	Exhaust devices on? Y NA Empty, filter clean? Y NA (Door Open) CO: _____ ppm	Y NA Y NA _____ ppm
☐ K-5	If applicable, close door to the room where dryer is located and again check CO.	(Door Closed) NA CO: _____ ppm	_____ ppm

(L) WRAP-UP PROCEDURE		**Pre-Wx Test**	**Post-Wx Test**
☐ L-1	Turn off exhaust devices operated for tests.	Exhaust devices off? Y NA	Y NA
☐ L-2	Reset thermostats to normal. **[FAU]** Clean filter in place?	T'stats & Filter OK? Y	Y
☐ L-3	Make sure all appliance access panels are in place.	Panels in place? Y	Y
☐ L-4	**[Draft Test Hole(s) Drilled]** Seal test hole in single-wall pipe with "plug button" (or button plus tape), or in double-wall with lag bolt and high-temp caulk. (See X-8.3 and WIS page 1-9.)	Test hole(s) sealed? Y NA	Y NA
☐ L-5	**Transfer Final test results to Section (C) on page 1.** • When Post-Wx Tests are performed, transfer *Post-Wx Test* data. • When Post-Wx Tests are not per-formed, use *Pre-Wx Test* data. • When both *Open* and *Closed* Door tests are performed, transfer "worst case" readings.		Data transferred to page 1? Y

(End of CAS tests.)